| Please type a plus sign (+) inside this | box → + |
|---|---------|
|   |         |

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| Substitute: | for form | 1449A/PTO |  |
|-------------|----------|-----------|--|
|             |          |           |  |

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

| Complete if Known      |            |  |  |  |  |  |
|------------------------|------------|--|--|--|--|--|
| Application Number     |            |  |  |  |  |  |
| Filing Date            | 11/30/2001 |  |  |  |  |  |
| First Named Inventor   | Quoiani    |  |  |  |  |  |
| Group Art Unit         |            |  |  |  |  |  |
| Examiner Name          |            |  |  |  |  |  |
| Attorney Docket Number | EMCE-P073  |  |  |  |  |  |

| <u> </u>             | U.S. PATENT DOCUMENTS |                       |  |   |  |  |            |  |  |  |
|----------------------|-----------------------|-----------------------|--|---|--|--|------------|--|--|--|
| Examiner<br>Initials | Cite<br>No.1          | U.S. Patent<br>Number | Document Kind Code <sup>2</sup> (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |            |  |  |  |
| AP                   |                       | 4,445,694             |  | Flaherty  | 05/01/1984   |  | ;          |  |  |  |
| AR .                 |                       | 4,658,847             |  | McCrone   | 04/21/1987   |  |            |  |  |  |
|                      |                       |                       |  |   |  |  | E          |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  | ·····  | Α.         |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  | <del></del>  |            |  |  |  |
|                      |                       |                       | <del></del>                                |   | <del>-    </del>                                       |  |            |  |  |  |
|                      |                       |                       |  |   | +  |  | -          |  |  |  |
|                      |                       |                       | _  |   |  |  | -          |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  | <del>- ,</del>   |            |  |  |  |
|                      |                       |                       |  |   |  | <del></del>  |            |  |  |  |
|                      |                       |                       |  |   |  |  | _          |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       | <del></del>           |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  |  |            |  |  |  |
|                      |                       |                       |  |   |  |  | <b>─</b> † |  |  |  |

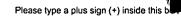
|                       |                          |          |                   | FOR  | EIGN PATENT DOCUMEN                                | TS   |  |        |
|-----------------------|--------------------------|----------|-------------------|--|--|--|--|--------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Office   | Foreign Patent Do | cument<br>Kind Code <sup>5</sup><br>(if known) | Name of Patentee or<br>Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T6     |
| 141)                  |                          | wo       | 00/70192          | A1   | Siemens  | 11/23/2000   |  | $\Box$ |
| AP                    |                          | GB       | 957,720           |  | Siemens  | 05/13/1964   |  |        |
| APa.                  |                          | GB       | 1 299 819         |  | Raychem Corp.                                      | 12/13/1972   |  |        |
| AV                    |                          | FR       | 610,973           |  | Barbarou   | 09/17/1926   |  |        |
|                       |                          |          |                   |  |  |  |  |        |
|                       |                          | $\vdash$ |                   |  |  |  |  | -      |
|                       |                          |          |                   |  |  |  |  | +      |
|                       |                          |          | -                 |  |  |  |  | 1      |

| Examiner  | 11- (1)-1 | Date                |
|-----------|-----------|---------------------|
| Signature | uc ren    | Considered $3-1903$ |

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.





Part of #4

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. DEPARTMENT OF U.S. DEPARTME

DEC 0 2 2002

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

| C mpl t if Kn wn       |            |  |  |  |  |
|------------------------|------------|--|--|--|--|
| Application Number     | 10/010,427 |  |  |  |  |
| Filing Date            | 11/30/2001 |  |  |  |  |
| First Named Inventor   | Quoiani    |  |  |  |  |
| Group Art Unit         | 3626       |  |  |  |  |
| Examiner Name          |            |  |  |  |  |
| Attorney Docket Number | FMCE-P073  |  |  |  |  |

|                      | U.S. PATENT DOCUMENTS |                       |  |   |  |  |  |  |  |  |
|----------------------|-----------------------|-----------------------|--|---|--|--|--|--|--|--|
| Examiner<br>Initials | Cite<br>No.1          | U.S. Patent<br>Number | Document Kind Code <sup>2</sup> (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |  |  |  |  |
| AP                   |                       | 5,226,683             |  | Julien et al.                                   | 07/13/1993   |  |  |  |  |  |
|                      |                       |                       |  |   |  |  |  |  |  |  |
|                      |                       |                       |  |   | <u> </u>   |  |  |  |  |  |
|                      |                       |                       |  |   | - <del>                                    </del>      |  |  |  |  |  |
|                      |                       |                       |  |   |  |  |  |  |  |  |
|                      |                       |                       |  |   |  |  |  |  |  |  |
|                      |                       | ··                    |  |   |  |  |  |  |  |  |
|                      |                       |                       |  |   | +  |  |  |  |  |  |
|                      |                       |                       |  |   |  | HEUMIVEU   |  |  |  |  |
|                      |                       |                       |  |   |  | DEC 0 4 2002   |  |  |  |  |
|                      |                       |                       |  |   |  | DLO 0 1 2002   |  |  |  |  |
|                      |                       |                       |  |   |  | GROUP 360  |  |  |  |  |
|                      |                       |                       |  |   |  | GRUUF 300  |  |  |  |  |
|                      |                       |                       |  |   |  |  |  |  |  |  |
|                      |                       |                       |  |   |  |  |  |  |  |  |
|                      |                       |                       |  |   |  | / ********   |  |  |  |  |
|                      |                       |                       |  |   |  |  |  |  |  |  |

|           | FOREIGN PATENT DOCUMENTS |                         |                       |  |                             |                              |  |    |  |
|-----------|--------------------------|-------------------------|-----------------------|--|-----------------------------|------------------------------|--|----|--|
| Examiner  | Cite                     | Foreign Patent Document |                       | Foreign Patent Document Name of Patentee or Date of Publication of |                             | Date of Publication of       | Pages, Columns, Lines,<br>Where Relevant |    |  |
| Initials* | No.1                     | Office                  | 3 Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known)                               | Applicant of Cited Document | Cited Document<br>MM-DD-YYYY | Passages or Relevant<br>Figures Appear   | T6 |  |
| Al        |                          | wo                      | 00/70244              | A2   | White                       | 11/23/2000                   |  |    |  |
|           |                          |                         |                       |  |                             |                              |  | _  |  |
|           |                          |                         |                       |  |                             |                              |  | ↓_ |  |
|           |                          |                         |                       |  |                             |                              | <del>.</del>                             | ∔  |  |
|           |                          | 1                       |                       |  |                             |                              |  | ┼─ |  |
|           |                          |                         |                       |  |                             |                              |  | †  |  |
|           |                          |                         |                       |  |                             |                              |  | T  |  |
|           |                          |                         |                       |  |                             |                              |  |    |  |
|           |                          |                         |                       |  |                             |                              |  |    |  |

| Examiner  | $A_1 - O_1$ | Date              |
|-----------|-------------|-------------------|
| Signature | awar        | Considered 319-03 |

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.